
STATE OF SOUTH AUSTRALIA.

REPORT ON CEREAL, HAY, AND FODDER CROPS, SEASON 1924-25.

BY

W. L. JOHNSTON, Government Statist.

(BULLETIN No. 5 OF 1925.)

STATE OF SOUTH AUSTRALIA.

REPORT ON CEREAL, HAY, AND FODDER CROPS, SEASON 1924-25.

Wheat, 30,528,625bush., average 12·21 ; hay, all kinds, 716,749 tons, average 1·27

STATE OF SOUTH AUSTRALIA.—REPORT ON CEREAL AND HAY HARVEST, 1924-25.

ACREAGE CULTIVATED.

Wheat.—2,815,183 (2,814,027) acres ; increase, 1,156 acres. Of this area, 2,499,852 (2,418,415) acres were harvested for grain, which is the greatest area since 1916-17 and is 229,837 acres greater than the mean of the previous five seasons ; 304,123 (381,962) acres were cut for hay, and the balance fed off.

Barley.—173,608 (190,581) acres ; decrease, 16,973 ; 166,432 (184,286) acres were harvested for grain and the balance for hay and green fodder.

Oats.—423,555 (415,068) ; increase, 8,487. Distributed for grain 155,154 (176,299) acres ; hay, 246,825 (234,899) acres ; and 21,516 (3,870) acres fed off.

Peas and Beans.—9,498 (4,810) acres ; increase, 4,688 acres.

All other Cereal and Hay and Fodder Crops.—45,296 (46,488) acres ; decrease, 1,192 acres.

Grand Total Cereal, Hay, Fodder, &c., Crops.—3,467,140 (3,470,974) acres ; decrease, 3,834 acres.

RAINFALL.—ADELAIDE OBSERVATORY.

Year.	Jan. to March.	April to Nov.	Dec.	Totals.	Wheat.	
					Grain Area.	Average per Acre.
	In.	In.	In.	In.	Acres.	Bush
1919	3·31	12·76	1·14	17·21	1,926,915	7·77
1920	1·70	22·90	2·10	26·70	2,167,646	15·80
1921	3·79	18·35	0·50	22·64	2,384,012	10·46
1922	2·40	17·83	2·97	23·20	2,453,086	11·73
1923	0·80	26·26	2·73	29·79	2,418,415	14·29
Average 5 years.	2·40	19·62	1·89	23·91	2,270,015	12·12
1924	5·42	17·71	0·31	23·44	2,499,852	12·21

The Divisional Meteorologist for the State reports “The outstanding feature of the agricultural season (1924-5) has been the splendid and opportune rains which occurred during the latter and most critical period of the growing crops. Despite the marked decrease in the 1924 rainfall, the season demonstrates the fact that the incidence of rainfall is more important than the aggregate amount.

PRODUCTION.

Wheat.—30,528,625 (34,551,955) bushels, averaging 12·21 (14·29) bushels per acre.

Benefits of Fallowing.—For the purpose of definitely noting the advantages or otherwise of cropping on fallowed land, farmers were requested to separate the results when furnishing their returns, from which it is ascertained that 24,645,303bush., averaging 14·75bush. per acre were reaped from crops sown in fallowed land, and 5,883,322 bush., averaging only 7·09bush. per acre from crops sown on unfallowed land.

The following is a summary of the wheat averages per acre for the full crop and the proportions from fallowed and unfallowed land, together with the areas sown in the several divisions of the State :—

WHEAT AREAS AND AVERAGES PER ACRE.

Division.	Total Wheat Average.	On Fallow Land.		Not on Fallow Land.	
		Area.	Average.	Area.	Average.
	Bush.	Acres.	Bush.	Acres.	Bush
Central	14·78	428,780	15·70	61,464	8·38
Lower North ...	15·83	648,442	16·71	94,915	9·82
Upper North ...	11·93	184,818	12·73	19,672	4·44
South-East	15·70	17,830	19·05	10,209	9·86
Western	7·18	186,178	9·07	343,545	6·16
Murray Mallee...	9·58	204,549	13·19	299,450	7·12
The State ..	12·21	1,670,597	14·75	829,255	7·09

One-third of the crops sown were on unfallowed land and averaged less than half the yield per acre than the crops on fallowed land, and thus considerably reduced the general average for the State.

Barley.—3,103,718 (3,251,885) bushels, averaging 18·65 (17·65) bushels per acre. Of this total barley, 2,853,255bush. were returned as malting, and 250,463bush. as Cape and other.

Oats.—1,939,415 (2,157,938) bushels, averaging 12·50 (12·24) bushels per acre.

Hay.—All kinds, 716,749 (781,768) tons, averaging 1·27 (1·24) tons per acre. The various kinds were—Wheaten, 410,138 (500,572) tons ; oaten, 288,890 (261,581) tons ; lucerne, 14,157 (11,908) tons ; and other, 3,564 (7,707) tons.

Peas.—115,505 (64,847) bushels, averaging 12·16 (13·48) bushels per acre. This is the greatest harvest of peas since 1912-13.

Straw.—All kinds, 7,352 (9,453) tons.

EXPORTS OF BREADSTUFFS.

The oversea exports of breadstuffs for the year ended June 30th, 1925, in comparison with the previous year were :—

Item.	Quantities.		Values.	
	1924-25	1923-24.	1924-25.	1923-24.
			£	£
Wheat	24 327,427	26,917,737	7,734,301	6,232,112
Barley	1,328,470	1,633,838	378,548	282,348
Flour	63,439	62,568	882,904	644,534
Bran and pollard..	556,935	185 926	36,467	10,732
All other	—	—	2,418	2,044
Total	—	—	£9,034,638	£7,171,770

The foregoing figures include the produce of two seasons. The export of wheat, flour, and barley for the seasonal year 1924-25, that is, from December, 1924, to June 30th, 1925, the latest record of date, would represent the produce of the 1924-25 crops. For this period, 1,255,902bush. of barley and 19,393,317bush. of wheat and 36,296 tons of flour were shipped—the total of the latter two items in the form of wheat being 21,135,525bush. Allowing for home consumption, this would leave a further exportable surplus of approximately 3,000,000bush. Since June 30th, it is estimated that over 1,000,000bush. has been exported, making the exportable balance at date of this report about 2,000,000bush.

W. L. JOHNSTON, Government Statist.
Statistical Office, Adelaide, July 29th, 1925.

STATE OF SOUTH AUSTRALIA.
Acreage under Grain, Peas, Hay, Fodder, &c., Crops, Season 1924-25.

County and Division.	Total Area.		Grain.			Peas and Beans.	Hay.			Green Forage (all kinds).	Grass Seeds, Etc.
	1923-24.	1924-25.	Wheat.	Barley (all kinds).	Oats.		All Kinds.	Wheaten.	Oaten.		
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
I. CENTRAL DIVISION—											
Adelaide	65,167	65,663	8,632	3,975	1,220	4,596	43,800	33,347	8,890	3,344	96
Carnarvon	8,830	7,535	444	3,747	919	39	2,057	174	1,801	329	—
Eyre	78,766	75,670	63,043	905	1,128	20	9,997	9,138	845	577	—
Fergusson	272,923	275,800	145,513	92,547	8,809	260	28,373	10,210	18,052	295	3
Gawler	193,139	186,526	114,683	11,822	6,161	402	50,099	30,751	18,711	3,344	15
Hindmarsh	38,822	38,322	13,811	2,679	4,343	2,017	13,316	3,871	8,905	1,555	601
Light	121,429	150,691	87,167	5,259	4,754	730	51,658	39,361	11,884	1,122	1
Sturt	86,821	80,730	56,951	1,894	4,574	518	14,348	8,037	4,943	2,420	25
II. LOWER NORTH DIVISION—											
Burra	40,520	39,548	27,167	431	1,424	40	4,893	3,518	1,162	5,593	—
Daly	379,191	378,285	302,877	17,471	6,105	105	47,785	20,895	26,405	3,942	—
Kimberley	9,833	9,136	7,721	20	212	—	566	552	14	617	—
Stanley	282,571	276,870	223,165	4,115	5,771	322	36,937	29,054	6,548	6,560	—
Victoria	249,065	241,920	182,427	2,962	4,662	241	41,654	37,008	3,925	9,974	—
III. UPPER NORTH DIVISION—											
Blachford	5,086	4,115	3,355	—	—	—	20	20	—	740	—
Dalhousie	90,589	83,223	70,993	162	1,162	—	9,762	8,434	1,145	1,144	—
Derby	—	—	—	—	—	—	—	—	—	—	—
Frome	138,171	127,422	108,326	213	735	4	15,176	14,694	307	2,968	—
Granville	2,919	2,044	1,974	—	—	—	—	—	—	70	—
Hanson	12,963	8,645	6,110	—	35	—	—	—	—	2,500	—
Herbert	3,449	2,960	2,616	—	10	—	320	320	—	14	—
Lytton	—	—	—	—	—	—	—	—	—	—	—
Newcastle	12,630	11,734	11,116	—	5	—	473	473	—	140	—
Taunton	43	—	—	—	—	—	—	—	—	—	—
IV. SOUTH-EASTERN DIVISION—											
Buckingham	31,325	37,098	19,436	209	8,827	27	8,073	416	7,264	489	37
Cardwell	4,573	4,317	900	65	1,015	30	1,730	156	1,394	577	—
Grey	43,683	35,636	1,751	8,205	8,015	13	15,820	471	14,731	1,796	36
MacDonnell	6,224	5,979	2,539	480	1,107	24	1,749	97	1,581	77	3
Robe	10,325	11,344	3,418	272	1,092	27	6,454	577	5,560	56	30
V. WESTERN DIVISION—											
Bosanquet	120	150	—	—	—	—	150	150	—	—	—
Buxton	52,568	62,807	56,623	—	951	—	4,406	2,621	1,785	827	—
Dufferin	48,193	47,728	44,234	—	1,283	—	2,201	1,093	1,108	10	—
Flinders	58,241	64,647	38,920	2,927	8,078	28	12,382	1,436	10,848	2,299	13
Hopetoun	12,918	12,102	9,686	18	1,014	—	334	137	177	1,045	5
Jervois	135,478	143,466	110,225	290	12,412	—	15,771	4,179	11,502	4,768	—
Kintore	25,552	23,997	22,284	20	816	—	802	407	395	75	—
Le Hunte	67,348	74,925	67,905	160	799	—	5,750	4,393	1,327	311	—
Manchester	30	—	—	—	—	—	—	—	—	—	—
Musgrave	38,368	38,743	27,016	321	3,088	—	6,378	1,778	4,566	1,940	—
Robinson	87,757	94,585	84,462	1,701	4,128	—	3,235	2,214	1,021	1,059	—
Way	81,475	72,598	67,418	319	1,794	—	3,007	700	2,307	60	—
York	909	1,007	950	37	20	—	—	—	—	—	—
VI. MURRAY MALLEE DIVISION—											
Albert	145,080	148,887	126,289	526	5,021	—	15,554	11,364	4,109	1,494	3
Alfred	203,914	208,330	182,483	208	4,952	—	19,998	15,966	3,973	689	—
Buccleuch	112,547	111,802	71,655	570	16,275	14	22,559	1,100	21,199	729	—
Chandos	164,200	156,452	99,763	621	19,890	—	35,037	1,195	33,790	1,141	—
Hamley	2,452	3,289	113	—	—	—	2,312	2,191	6	864	—
Russell	37,829	32,448	17,147	1,179	2,358	41	6,821	1,311	4,563	4,902	—
Young	6,938	7,964	6,549	102	250	—	496	373	82	567	—
SUMMARY											
CENTRAL DIVISION	865,897	880,937	490,244	122,828	31,908	8,582	213,648	134,889	74,031	12,986	741
LOWER NORTH DIVISION	961,180	945,759	743,357	24,999	18,174	708	131,835	91,027	38,054	26,686	—
UPPER NORTH DIVISION	265,850	240,143	204,490	375	1,947	4	25,751	23,941	1,452	7,576	—
SOUTH-EASTERN DIVISION	96,130	94,374	28,039	9,231	20,056	121	33,826	1,717	30,530	2,995	106
WESTERN DIVISION	608,957	636,755	529,723	5,793	34,383	28	54,416	19,108	35,036	12,394	18
MURRAY MALLEE DIVISION	672,960	669,172	503,999	3,206	48,746	55	102,777	33,501	67,722	10,386	3
Total State 1924-25	—	3,467,140	2,499,852	166,432	155,214	9,498	562,253	304,183	246,825	73,023	868
Total State 1923-24	3,470,974	—	2,418,415	184,286	176,299	4,810	631,267	381,962	234,899	55,282	615
Mean 5 years to 1923-24	3,279,510	—	2,270,015	186,086	166,864	5,672	586,012	369,496	207,153	64,241	618

STATE OF SOUTH AUSTRALIA.
Production of Grain, Peas, and Hay, Season 1924-25

County and Division.	WHEAT.				BARLEY. (All Kinds.)		OATS.		PEAS AND BEANS.	HAY		
	Total Yield.		Average Per Acre.		Yield.	Average Per Acre.	Yield.	Average Per Acre.	Yield.	All Kinds Yield.	Wheaten Yield.	Oaten Yield.
	1923-24.	1924-25.	1923-24.	1924-25.								
	Bush.	Bush.	Bush.	Bush.	Bush.	Bush.	Bush.	Bush.	Bush.	Tons.	Tons.	Tons.
I. CENTRAL DIVISION—												
Adelaide	63,027	123,124	10.01	14.26	75,242	18.93	19,359	15.87	64,255	77,285	59,937	14,491
Carnarvon	3,364	5,571	12.10	12.55	66,654	17.79	13,572	14.77	393	2,485	236	2,174
Eyre	587,990	557,766	9.52	8.85	15,263	16.87	18,183	16.12	95	10,682	9,579	1,076
Fergusson	2,697,570	2,639,176	19.43	18.14	1,809,224	19.55	89,991	10.22	2,805	37,923	19,605	18,164
Gawler	1,799,090	1,664,852	16.41	14.52	217,346	18.38	87,442	14.19	1,760	72,137	46,164	24,911
Hindmarsh	168,904	200,522	12.83	14.52	37,317	13.93	58,139	13.38	23,261	17,696	5,327	11,511
Light	660,449	1,413,009	11.09	16.21	96,588	18.37	79,282	16.68	11,394	104,862	64,922	39,391
Sturt	708,821	641,000	11.97	11.26	21,653	11.43	55,333	12.10	5,268	17,500	8,743	4,716
II. LOWER NORTH DIVISION—												
Burra	414,516	421,181	14.92	15.50	9,696	22.50	20,733	14.56	—	6,299	4,998	848
Daly	5,747,711	4,681,195	19.52	15.46	333,785	19.11	88,259	14.46	440	50,879	24,081	26,031
Kimberley	86,180	76,223	11.13	9.87	276	13.80	2,645	12.48	—	576	562	14
Stanley	4,224,578	3,521,494	19.05	15.78	71,565	17.39	91,174	15.80	1,187	50,416	40,945	7,985
Victoria	3,372,211	3,068,802	18.36	16.82	55,007	18.57	77,535	16.63	2,582	60,089	53,317	5,947
III. UPPER NORTH DIVISION—												
Blachford	34,342	6,948	7.53	2.07	—	—	—	—	—	10	10	—
Derby	1,220,166	976,465	16.51	13.75	2,995	18.49	13,686	11.78	—	14,097	12,664	1,235
Frome	1,837,522	1,362,014	15.88	12.57	3,591	16.86	10,295	14.01	48	17,271	16,585	460
Granville	25,660	1,731	9.35	0.88	—	—	—	—	—	—	—	—
Hanson	98,772	7,737	8.15	1.27	—	—	300	8.57	—	—	—	—
Herbert	19,903	12,279	6.58	4.69	—	—	120	12.00	—	550	550	—
Lytton	—	—	—	—	—	—	—	—	—	—	—	—
Newcastle	111,283	72,378	9.92	6.51	—	—	120	24.00	—	511	511	—
Taunton	—	—	—	—	—	—	—	—	—	—	—	—
IV. SOUTH EASTERN DIVISION—												
Buckingham	140,143	337,673	10.00	17.37	2,823	13.51	149,812	16.97	114	8,985	439	8,042
Curdwell	12,680	5,172	6.71	5.75	810	12.46	6,573	6.48	300	1,077	125	952
Grey	41,736	25,663	18.20	14.66	181,324	22.10	186,667	23.29	216	21,267	651	19,919
MacDonnell	28,973	33,124	10.64	13.05	8,904	18.55	19,692	17.79	540	2,232	147	1,942
Robe	26,729	38,611	8.76	11.31	3,615	13.29	14,586	13.36	270	7,894	836	6,714
V. WESTERN DIVISION—												
Bosanquet	—	—	—	—	—	—	—	—	—	—	—	—
Buxton	630,563	415,635	13.72	7.34	—	—	7,131	7.50	—	2,639	1,685	954
Dufferin	498,879	289,304	11.72	6.54	—	—	11,563	9.01	—	1,633	878	755
Flinders	426,803	504,266	12.62	12.96	38,894	13.29	86,710	10.73	216	10,614	1,433	9,098
Hopetoun	80,677	32,267	7.27	3.33	45	2.50	4,942	4.87	—	123	57	58
Jervois	1,123,144	857,680	10.71	7.78	1,913	6.60	74,457	6.00	—	9,804	3,273	6,491
Kintore	180,095	60,093	8.10	2.70	—	—	3,525	4.32	—	266	204	62
Le Hunte	801,952	531,203	13.50	7.82	693	4.32	5,637	7.06	—	3,855	2,980	870
Manchester	219	—	7.30	—	—	—	—	—	—	—	—	—
Musgrave	333,484	244,448	12.41	9.05	3,531	11.00	29,672	9.61	—	4,710	1,357	3,333
Robinson	893,378	587,573	11.91	6.96	8,736	5.14	31,124	7.54	—	2,119	1,478	641
Way	597,890	282,801	8.19	4.19	984	3.08	6,867	3.83	—	1,580	267	1,313
York	2,630	297	3.05	0.31	—	—	—	—	—	—	—	—
VI. MURRAY MALLEE DIVISION—												
Albert	962,594	827,543	7.99	6.55	4,989	9.48	42,263	8.42	—	10,858	7,599	3,088
Alfred	1,782,803	1,616,888	10.50	8.86	3,306	15.89	56,663	11.44	—	15,887	12,836	3,047
Buccleuch	621,482	624,497	8.70	8.72	4,940	8.67	159,746	9.82	90	20,520	871	19,484
Chandos	1,279,697	1,604,695	12.37	16.09	9,789	15.76	288,967	14.53	—	37,883	1,678	36,165
Hamley	339	201	3.77	1.78	—	—	—	—	—	1,401	1,030	6
Russell	164,719	123,909	8.03	7.23	11,476	9.73	24,712	10.48	271	9,527	1,218	6,891
Young	38,287	31,615	6.82	4.83	744	7.29	1,938	7.75	—	607	360	111
SUMMARY.												
CENTRAL DIVISION	6,689,215	7,245,020	14.91	14.78	2,339,287	19.05	421,301	13.20	109,231	340,570	214,513	116,434
LOWER NORTH DIVISION	13,845,196	11,768,895	18.83	15.83	470,329	18.81	280,346	15.43	4,209	168,259	123,903	40,825
UPPER NORTH DIVISION	3,347,648	2,439,552	14.99	11.93	6,586	17.56	24,521	12.59	48	32,439	30,320	1,695
SOUTH-EASTERN DIVISION	250,261	440,243	10.44	15.70	197,476	21.39	377,330	18.81	1,440	41,455	2,198	37,569
WESTERN DIVISION	5,569,714	3,805,567	11.24	7.18	54,796	9.46	261,628	7.61	216	37,343	13,612	23,575
MURRAY MALLEE DIVISION	4,849,921	4,829,348	9.87	9.58	35,244	10.99	574,289	11.78	361	96,683	25,592	68,792
TOTAL STATE, 1924-25	—	30,528,625	—	12.21	3,103,718	18.65	1,939,415	12.50	115,505	716,749	410,138	288,890
TOTAL STATE, 1923-24	34,551,955	—	14.29	—	3,251,885	17.65	2,157,938	12.24	64,847	781,768	500,572	261,581
MEAN, 5 YEARS to 1923-24 .	27,504,515	—	12.12	—	3,324,704	17.87	1,820,535	10.91	74,760	705,432	466,396	224,271